| To:  | ANATIONAL SEAT  |   |  | PCT  |   |  |  |
|--|---|---|--|--|---|--|--|
|  |   |   |  |  |   |  |  |
| see form PCT/ISA/220   |   |   |  | WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY             |   |  |  |
|  |   |   |  | · (F   | PCT Rule 43bis.1)                           |  |  |
|  |   |   |  | Date of mailing (day/month/year) see form PCT/ISA/210 (second sheet) |   |  |  |
|  |   |   |  | (day/montr/year) see   | Form PC1//SA/210 (second sheet)             |  |  |
| 1 ''   | icant's or agent's file<br>form PCT/ISA/22  |   |  | FOR FURTHER ACTION See paragraph 2 below                             |   |  |  |
| Inter  | national application I  | No.                                     | International filing date (                                | day/month/year)  | Priority date (day/month/year)              |  |  |
| 1  | PCT/US2005/007955 14.03.2005  |   |  |  | 13.12.2004                                  |  |  |
| International Patent Classification (IPC) or both national classification and IPC B43K23/008 |   |   |  |  |   |  |  |
|  | icant   |   |  |  |   |  |  |
| JAK  | KKS PACIFIC, IN   | IC.                                     |  |  |   |  |  |
|  |   | 100000000000000000000000000000000000000 |  |  |   |  |  |
| 1. This opinion contains indications relating to the following items:                        |   |   |  |  |   |  |  |
|  | Box No. I   | Basis of the op                         | pinion   |  |   |  |  |
|  | ☑ Box No. II  | Priority                                |  |  |   |  |  |
| -  | ☐ Box No. III   | Non-establishr                          | ment of opinion with rega                                  | ard to novelty, inventiv   | e step and industrial applicability         |  |  |
|  | ☐ Box No. IV  | Lack of unity o                         | f invention  |  | ,   |  |  |
|  | ⊠ Box No. V   | Reasoned stat applicability; ci         | ement under Rule 43 <i>bis</i><br>tations and explanations | s.1(a)(i) with regard to<br>s supporting such state                  | novelty, inventive step or industrial ement |  |  |
|  | ☐ Box No. VI  | Certain docum                           | ents cited   |  |   |  |  |
| Box No. VII Certain defects in the international application                                 |   |   |  |  |   |  |  |
|  | ☑ Box No. VIII  | Certain observ                          | ations on the internation                                  | nal application  |   |  |  |
| 2. FURTHER ACTION  |   |   |  |  |   |  |  |
|  | If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notifed the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered. |   |  |  |   |  |  |
|  | If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.   |   |  |  |   |  |  |
|  | For further options, see Form PCT/ISA/220.  |   |  |  |   |  |  |
| 3.   | For further details, see notes to Form PCT/ISA/220.   |   |  |  |   |  |  |
| 1  |   |   |  |  |   |  |  |

Name and mailing address of the ISA:

Authorized Officer

<u>@</u>))

European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465

Daintith, N

Telephone No. +49 89 2399-8894



# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US2005007955 0 2

IAP20 RESSECTATO 06 JAN 2006

| _  |             |   |        |  |  |  |  |
|----|-------------|---|--------|--|--|--|--|
|    | Box         | K No  | p. l   | Basis of the opinion   |  |  |  |
| 1. |             |   |        | to the language, this opinion has been established on the basis of the international application in the internation in the intern |  |  |  |
| •  |             | lan   | igua   | pinion has been established on the basis of a translation from the original language into the following ge , which is the language of a translation furnished for the purposes of international search Rules 12.3 and 23.1(b)).  |  |  |  |
| 2. | Witl<br>nec | With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:  |        |  |  |  |  |
|    | a. ty       | a. type of material:  |        |  |  |  |  |
|    | [           | ]   | a se   | equence listing  |  |  |  |
|    | [           |   | tabl   | e(s) related to the sequence listing   |  |  |  |
|    | b. fo       | orm   | at of  | material:  |  |  |  |
|    | [           |   | in w   | ritten format  |  |  |  |
|    | [           | _   | in c   | omputer readable form  |  |  |  |
|    | c. ti       | me  | of fil | ing/furnishing:  |  |  |  |
|    | [           | _   | con    | tained in the international application as filed.  |  |  |  |
|    | [           |   | filed  | together with the international application in computer readable form.   |  |  |  |
|    | [           | כ   | furn   | ished subsequently to this Authority for the purposes of search.   |  |  |  |
| 3. |             | In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. |        |  |  |  |  |
| 4. | Add         | itior   | nal c  | omments:   |  |  |  |
|    |             |   |        | ,  |  |  |  |
|    | Box         | No  | ı II   | Priority   |  |  |  |
| 1. |             | req   | uire   | idity of the priority claim has not been considered because the International Searching Authority of the priority claim has not been considered because the International Searching Authority of the priority has been claimed or, where does not that earlier application. This opinion has nevertheless been established on the stion that the relevant date (Rules 43 <i>bis</i> .1 and 64.1) is the claimed priority date.   |  |  |  |
| 2. |             | Thi:  | s op   | inion has been established as if no priority had been claimed due to the fact that the priority claim found invalid (Rules 43 <i>bis</i> .1 and 64.1). Thus for the purposes of this opinion, the international te indicated above is considered to be the relevant date.  |  |  |  |
| 3. | Addi        | ition   | al ot  | oservations, if necessary:   |  |  |  |

### Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or Box No. V industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

1-9

No:

Claims

Inventive step (IS)

Yes: Claims

1-9

No: Claims

Industrial applicability (IA)

Yes: Claims

1-9

No: Claims

2. Citations and explanations

see separate sheet

### Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

#### Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet

# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (SEPARATE SHEET)

IAP20 RECURSION 06 JAN 2006

### Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

- 1. The subject-matter of claim 1 appear to be novel within the meaning of Article 33 (2) PCT as none of the cited prior art documents show an air pump mechanism for a writing instrument.
- 2. The subject-matter of claim 1 also appears to be inventive as within the meaning of Article 33 (3) PCT. The closest prior art appears to be disclosed within EP-A-1 046 516 (D1) which discloses a pen having an expandable bladder-type gripping member made of a rubber or rubber-type substance, see paragraphs 21 to 24. The member is expanded by a twisting action of the pen handle. Neither this document nor any of the other cited documents show or suggest a pumping means for expanding the bladder.
- 3. The dependent claims 2 to 9 are hence also novel and inventive.

## Re Item VII

Certain defects in the international application

4. Rule 6.2(b) PCT requires that the features of the claims are provided with reference signs placed in parentheses.

### Re Item VIII

Certain observations on the international application

- 5. The subject-matter of claims 5 and 6 is identical and hence there is a lack of conciseness within the meaning of Article 6 CT.
- 6. The subject-matter of claim 1 is not clear within the meaning of Article 6 PCT because although it is directed to an air pump mechanism for a writing instrument, it also claims the writing instrument.